

# Higher Electrical Engineering

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this volume has been designed to cover the a1 and a2 stages of the higher national certificate in electrical and electronic engineering the contents correspond with much of the work in the department of education and science outline syllabuses for hnc courses in england and scotland and the text should also be useful for undergraduate cei part 1 and hnd courses

concise higher electrical engineering integrates in one volume the most important topics in electrical engineering at college or university level the integrated nature of

the book means that the electrical engineering student will not have to purchase multiple textbooks in order to cover the entire electrical engineering curriculum the chapter on modelling or power systems compares manual examples with computerised methods other chapters in this book include electrical distribution design illumination and electrical network protection the chapter on industrial automation includes examples with real programmable controllers concise higher electrical engineering includes a large number of examples and exercises the book contains a wealth of illustration that aids the students understanding of the subject matter the international contributors to this book are world acclaimed experts in their fields the authors bring to the book over 50 years of combined international industrial experience ranging from railways and electricity supply to manufacturing

this edition has been completely revised and expanded to cover all the electrical principles a student needs in both years of a hnc d in engineering the expanded coverage also makes it very suitable as an introductory text for degree courses in electrical and electronic engineering

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